## **EAST Search History**

| Ref # | Hits | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|---|---------------------|---------|---------------------|
| L1    | 109  | 502/341.cds. and (doped doping impregnate)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/10<br>16:26 |
| SI    | 2    | "20090048097"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>15:46 |
| S2    | 10   | US-5364516-\$.DID. OR US-<br>5545604-\$.DID. OR US-<br>4963520-\$.DID. OR US-<br>5603823-\$.DID. OR US-<br>6497811-\$.DID. OR US-<br>6497811-\$.did. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>16:16 |
| S3    | 6    | EP-0554968-\$.DID. OR JP-<br>02126939-\$.DID. OR WO-<br>200112570-\$.DID. OR WO-<br>2004002620-\$.DID. OR EP-<br>1405669-\$.DID.                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>16:17 |
| S4    | 0    | S2 and S3 and ((ammonium<br>hydroxide) "NH.sub.4OH")   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>17:34 |
| S5    | 525  | 502/341.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>17:48 |
| S6    | 324  | S5 and ((ammonium<br>hydroxide) "NH.sub.4OH")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>17:48 |
| S7    | 276  | S6 and (iron aluminum)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2009/04/09<br>17:48 |

| S8  | 142   | S6 and iron  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:48 |
|-----|-------|--|---|----|----|---------------------|
| S9  | 81    | S6 and cracking                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:49 |
| S10 | 53    | S5 and ((ammonium adj<br>hydroxide) "NH.sub.4OH")  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:49 |
| S11 | 22    | S10 and cracking                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:50 |
| S12 | 2702  | 502/341,300,340,355.cds.                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:51 |
| S13 | 291   | S12 and ((ammonium adj<br>hydroxide) "NH.sub.4OH") | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:51 |
| S14 | 62    | *4728635*  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>17:57 |
| S15 | 23    | S14 and ((ammonium adj<br>hydroxide) "NH.sub.4OH") | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:23 |
| S16 | 11245 | hydrotalcite                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:27 |

| S17 | 32   | S16 and S5                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:27 |
|-----|------|---------------------------|---|----|----|---------------------|
| S18 | 34   | "4970191"                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:31 |
| S19 | 1907 | peridase                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:34 |
| S20 | 5    | S19 and S5                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:34 |
| S21 | 108  | S5 and cracking           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:43 |
| S22 | 20   | S21 and aging             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/09<br>18:46 |
| S23 | 525  | 502/341.cds.              | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>09:12 |
| S24 | 9    | S23 and (anionic adj day) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>09:12 |
| S25 | 10   | *6716785*                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>09:21 |

| S27 | 2702  | 502/341,300,340,355.cds.                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>09:31 |
|-----|-------|--|---|----|----|---------------------|
| S28 | 21    | S27 and (anionic adj clay)                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>09:31 |
| S29 | 151   | S23 and layer                                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10          |
| S30 | 437   | S27 and cracking                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>09:56 |
| S31 | 103   | 502/341.cds. and ((mixed composite) adj oxide) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>10:57 |
| S32 | 101   | "4469589" "4472267"<br>"4728635"               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>11:22 |
| S33 | 118   | "3835031"                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>11:25 |
| S34 | 11885 | cracking adj catalyst                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>11:31 |
| S35 | 118   | S34 and S27                                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10          |

| S36 | 33   | "5565181" "5364517"                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10          |
|-----|------|--|---|----|----|---------------------|
| S37 | 215  | \$27 and (iron adj oxide)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:39 |
| S38 | 41   | \$23 and (iron adj oxide)                          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:39 |
| S39 | 59   | \$23 and ((aluminum adj<br>(trihydrate)) boehmite) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:40 |
| S40 | 8233 | S34 and (iron (oxide<br>hydroxide))                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:52 |
| S41 | 117  | S40 and S27  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:53 |
| S42 | 658  | S34 and (iron adj (oxide<br>hydroxide))            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:53 |
| S43 | 13   | S42 and S27  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:53 |
| S44 | 77   | 502/340.cds. and (iron adj<br>(oxide hydroxide))   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:56 |

| S45 | 10  | S44 and cracking                        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>12:57 |
|-----|-----|---|---|----|----|---------------------|
| S46 | 18  | "2605275"                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>13:06 |
| S47 | 218 | S27 and (iron adj (oxide<br>hydroxide)) | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>13:11 |
| S48 | 843 | 502/314.odls.                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>14:05 |
| S51 | 86  | S48 and (iron adj (oxide<br>hydroxide)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>14:08 |
| S52 | 6   | S51 and calcine                         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>14:09 |
| S53 | 18  | "4598062"                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>14:21 |
| S54 | 34  | *4970191"                               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/10<br>14:57 |

<sup>4/10/2009 5:21:59</sup> PM

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